



Attorney Docket No.: 40296-0005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Hee Bok KANG

Confirmation No.: 6501

Serial No.: 10/629,671

Art Unit: 2824

Filed: 30 July 2003

Examiner: Nguyen, V.

For: SEMICONDUCTOR MEMORY DEVICE WITH ADJUSTABLE I/O BANDWIDTH

U.S. Patent and Trademark Office
Customer Window, Mail Stop AF
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56 AND 37 C.F.R. § 1.97**

Sir:

Submitted herewith on Form PTO/SB/08A is a listing of a document known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 C.F.R. § 1.56 and § 1.97. A copy of the listed document is being submitted to comply with the provisions of 37 C.F.R. §§ 1.97-1.99.

An English language translation of the listed document is not readily available; however, the absence of such translation does not relieve the PTO from its duty to consider the submitted document (37 C.F.R. § 1.98 and M.P.E.P. § 609). Applicant has attached an English abstract of the listed document.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

The foregoing document was cited in a corresponding Korean patent application. A copy of the Notice of Rejection from the Korean Patent Office, and its English language translation, is attached.

The required filing fee of \$180.00 under C.F.R. § 1.17(p) is attached.

Applicant respectfully requests that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. § 609.

Respectfully submitted,

Date: 13 July 2005

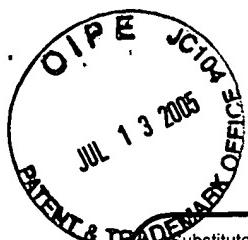
HELLER EHRMAN LLP
1717 Rhode Island Avenue, NW
Washington, DC 20036
Telephone: (202) 912-2000
Facsimile: (202) 912-2020

By Scott J. Anchell

Scott J. Anchell
Agent for Applicant
Registration No. 35,0359

Customer No. 26633

DC 227989 v2
(40296.0005)



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/629,671
Filing Date	July 30, 2003
First Named Inventor	Hee Bok KANG
Group Art Unit	2824
Examiner Name	Van Thu T. Nguyen
Attorney Docket Number	40296-0005

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.



JUL 13 2005

COMBINED FEE TRANSMITTAL for FY 2005

Effective 12/08/2004. Patent fees are subject to annual revision.

PTO/SB/17 (12-04) (Revised) (For payment of 37 CFR 1.17 fees including (f), (g), (h), & (i))

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known	
Application Number	10/629,671
Filing Date	30 July 2003
First Named Inventor	Hee Bok KANG
Examiner Name	Nguyen, V.
Art Unit	2824
Attorney Docket No.	40296-0005

METHOD OF PAYMENT (check one)

<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input type="checkbox"/> Deposit Account				

Deposit Account Number: 08-1641

Deposit Account Name: Heller Ehrman LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below
- Credit any overpayments and charge any deficiencies
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the deposit account

FEE CALCULATION (continued)

4. PETITION FEES UNDER 37 CFR 1.17 (f) Fee Code: 1462 Fee \$ 400 For petitions filed under: § 1.53(e); § 1.57(a); § 1.182; § 1.183; § 1.378(e); § 1.741(b)	Fee Paid
5. PETITION FEES UNDER 37 CFR 1.17 (g) Fee Code: 1463 Fee \$ 200 For petitions filed under: § 1.12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; § 1.377; § 1.550(c); § 1.956; § 5.12; § 5.15; § 5.25	Fee Paid
6. PETITION FEES UNDER 37 CFR 1.17 (h) Fee Code: 1464 Fee \$ 130 For petitions filed under: § 1.19(g); § 1.84; § 1.91; § 1.102(d); § 1.138(c); § 1.313; § 1.314	Fee Paid
7. PROCESSING FEES UNDER 37 CFR 1.17 (i) Fee Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § 1.497(d); § 3.81	Fee Paid

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

	FILING FEES		SEARCH FEES		EXAMINATION FEES			Entity Fee (\$)	Entity Fee (\$)	Fee Description	Fee Paid
Application Type	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Entity Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)	130	65	Surcharge - late filing fee or oath	
Utility	300	150	500	250	200	100		50	25	Surcharge - late provisional filing fee or cover sheet	
Design	200	100	100	50	135	65		130	130	Non-English specification	
Plant	200	100	300	150	160	80		2,520	2,520	For filing a request for ex parte reexamination	
Reissue	300	150	500	250	600	300		920*	920*	Requesting publication of SIR prior to Examiner action	
Provisional	200	100	0	0	0	0		1,840*	1,840*	Requesting publication of SIR after Examiner action	
	SUBTOTAL (1)							120	60	Extension for reply within first month	
								450	225	Extension for reply within second month	
								1,020	510	Extension for reply within third month	
								1,590	795	Extension for reply within fourth month	

2. EXTRA CLAIM FEES

Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
50	25	Each claim in excess of 20 or, for Reissues, each claim in excess of 20 and more than in the original patent
200	100	Each Independent claim in excess of 3 or, for Reissues, each independent claim more than in the original patent
360	180	Multiple dependent claim, if not already paid

Extra Claims	Fee from above	Fee Paid
Total Claims	-20** =	x 50 =
Independent Claims	-3** =	x 200 =

**or number previously paid, if greater; For Reissues see below		
Multiple Dependent	360	=
	SUBTOTAL (2)	\$

Total Sheets	Extra Sheets	Number of each additional 50	Fee (\$)	Small Entity Fee (\$)		SUBTOTAL (4+5+6+7+8)	\$ 180
	-100 =	/50 =	x 250	OR	x 125		
		SUBTOTAL (3)	\$				

* Reduced by Basic Filing Fee Paid

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Scott J. Anchell	Registration No. (Attorney/Agent)	35,035	Telephone	202-912-2000
Signature	Scott J. Anchell	Date	13 July 2005	Customer No.	26633